



UNITED STATES MARINE CORPS
MARINE CORPS INSTALLATIONS PACIFIC
CAMP SMEDLEY D. BUTLER, OKINAWA
UNIT 35006
FPO AP 96373-5006

IN REPLY REFER TO:
5090
F/EAB/28031
19 Dec 13

MEMORANDUM

From: Environmental Management System Manager
To: MCB Camp Butler EMS Core Team Members
Subj: ENVIRONMENTAL MANAGEMENT SYSTEM (EMS) MCB CAMP BUTLER CORE TEAM MEETING MINUTES

Ref: (a) III MEF/MCIPACO 5090.1

Encl: (1) Meeting Agenda Presentation
(2) Attendance Roster

1. Per reference (a), the MCB Camp Butler EMS Core Team met on 18 December 2013 at Bldg. 363, 3rd Floor Conference Room. The meeting was started at 0900 hours and the agenda is contained in enclosure (1).

2. The meeting was chaired by (b)(6) and the list of attendees is contained in enclosure (2).

3. The following is a summary of the meeting discussion:

a. FY14 Commander's Environmental Management Review Board (CEMRB) Update

(b)(6) reviewed the CEMRB update with the EMS Core Team and the detail of the update is contained in enclosure (1).

Action Item: Distribute to EMS Core Team the Qualified Recycling Program (QRP) Point Paper that defines QRP. This point paper outlines the policies for use of QRP funds and communicates the process for how the camps/installations can introduce proposals for projects and how those proposals are approved by the CG.

b. FY13 Objectives and Targets Status Update

(b)(6) reviewed and discussed the following FY13 Objectives and Targets Status with the EMS Core Team:

1) Objective 1: Reduce the impact of solid waste generation.

(a) Target 1: Divert 60% of non-hazardous solid waste from the waste stream in FY13. Status: Exceeded FY13 target with diversion rate of approximately 66%

(b) Target 2: Divert 56% of construction and demolition

(C&D) debris from the waste stream by FY13. Status: Still working with ROICC and Army Corps to collect C&D data. Japanese law requires over 90% diversion.

2) Objective 2: Reduce electricity use in buildings.

Target: Reduce energy intensity of facilities by 37.5% by FY20 using FY03 as baseline (FY13 Target: 3% reduction from FY12).

Status:

- FY13 energy intensity has been reduced by 1.15% from FY12
- Overall energy intensity reduction from FY03 baseline at the end of FY13 is 4.35%
- MCB Butler has to reduce over 30% more in the next 7 years

Discussion:

- The energy usage scenario when the baseline energy intensity numbers were calculated has changed, it will be hard for us to meet the energy intensity target if the number of personnel has increased and the use of the facilities has changed to require more energy. Can the baseline numbers be changed or at least we include in the Objectives and Targets reporting that there were changes in the number of troops and usage of facility for some camps from what they were when the baseline was set? (b)(6)
- Energy intensity baseline year was set and is the same for all installations. (b)(6)
- Let us push the implementation of energy efficient building designs as a long term action to reduce energy intensity use. (b)(6)

3) Objective 3: Reduce vehicle fuel consumption and air emissions.

Target: Reduce use of petroleum products in vehicle fleets by 30% by FY20 using 2005 as baseline (FY13 Target: 2% from FY12).

Status:

- Did not meet target this year. Fuel consumption increased by 1.22% in FY13.
- FY13 Increase is being researched.
- Overall, since 2005, using 2% annual reduction, Butler has exceeded standard with an overall 21% reduction in consumption.

Discussion:

- QRP and MCCS vehicles were not part of the FY13 fuel consumption numbers. (b)(6)

Action Item: EAB will now begin to track fuel usage in QRP vehicles since they are not tracked by Motor-T (b)(6)

- New technologies are out there but we do not have alternative fuel infrastructure to support replacing some of our vehicle fleet with non-petroleum fuel vehicles. Our efforts were limited to optimizing the use of our vehicle fleet, reducing the size of our vehicle fleet, and reducing the use of our vehicles as ways to meet our target. We need more vehicles to effectively support the Marine Corps. If we are to meet our target, our biggest challenge is the alternative fuel infrastructure. (b)(6)
- Are there propane fueled trucks? We may be able to use QRP funds to build propane gas dispensing infrastructure? (b)(6) Propane powered trucks will not have much muscle power and being (b)(6) new technology support is limited.

4) Objective 4: Reduce hazardous material usage and hazardous waste disposal.

Target: Implement Hawker battery reuse program.

Status:

- Full implementation of (2) battery rejuvenation units completed in August 2013, (3) additional units will be operational early next year.
- 111 batteries rejuvenated and some already distributed to units under REUSE. (no cost)
- Cost avoidance to units was \$36K for the first 3 months of operation (with 2 battery rejuvenation units)
- Additional battery types have been added to the program.

Discussion:

- We are marking the rejuvenated batteries with EST stickers and JEMMS is also applying their own barcode to identify them as REUSED batteries. (b)(6)
- One Camp Unit has their own battery rejuvenating equipment, are we tracking their numbers? (b)(6)

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(b)(6)

It is a good idea to track their cost savings number and include in our report. (b)(6)
(b)(6) We will start to capture and track the rejuvenated battery numbers and cost savings. (b)(6)
(b)(6)

c. FY14 Objectives and Targets

(b)(6) reviewed the below proposed FY14 Objectives and Targets and the EMS Core Team assigned the responsible individuals to develop and implement the Environmental Action Plans (EAP):

Objectives	Targets	Responsible Person
1. Reduce the impact of solid waste generation.	Divert 68% of non-hazardous solid waste from the waste stream in FY14.	(b)(6)
2. Reduce electricity use in buildings.	Reduce energy intensity of facilities by 37.5% by FY20 using FY03 as baseline (FY14 Target: 3% reduction from FY13).	
3. Reduce vehicle fuel consumption and air emissions.	Reduce use of petroleum products by vehicle fleets by 30% by FY20 using 2005 as baseline (FY14 Target: 2% from FY13).	
4. Reduce hazardous waste disposal.	Reduce contaminated absorbent (consorb) waste disposal by 5% in FY14.	
5. Manage radon data.	Integrate indoor air quality radon gas data into Geographic Information System (GIS) in FY14.	

Discussion:

- 89% of turned in consorb materials for disposal at JEMMS are still re-usable. We spent \$55K to dispose consorb in FY13, we need to develop and (b)(6) and efficient use of consorb materials.
- Can we use oil only absorbing consorb (b)(6) al to use during wet and rainy conditions? (b)(6) We could and this will be in addition to what we currently have, oil only absorbing consor (b)(6) nsive and cannot be used for anti-freeze. (b)(6)
- Energy and Utilities Management Marine Corps Order being (b)(6) need inputs from the EMS Core Team. (b)(6)

Action Item: Send draft copy of Energy and Utilities Management Marine Corps Order to EMS Core Team for review, suggestions, and comments.

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- URS will be the new JEMMS actor in March-April 2014. The previous contractor, (b)(6) was ISO-14001 certified, so was not included in the MCB Butler EMS. (b)(6) may have to be included in the MCB Butler EMS if URS is not ISO 14001 certified. (b)(6)

d. EMS Document Update
(b)(6)

(b)(6) briefed the team on EMS Documents. See enclosure (1) for listing of revised, newly published, and cancelled documents from October to December 2013. New and revised documents are posted on <https://wss.mcbbutler.nmci.usmc.mil/FE/ENV/default.aspx>

e. Conclusion

- 1) The Core Team meeting minutes will be distributed to Core Team members and other interested parties.
- 2) The EMS Core Team members were reminded to brief their chain of command on the all environmental activities.
Upcoming events:

- Next Core Team meeting - March, 2014

4. The meeting adjourned at 0935 hrs. (b)(6)
5. The EMS Core Team point of contact is (b)(6)
Coordinator,



MCB CAMP BUTLER EMS CORE TEAM MEETING 1st Quarter FY 2014

Date: 18 Dec 2013

Time: 0900-1000

Location: Bldg. 363 Conference Room

**Chairperson:
Facilitator:**

(b) (6)

Enclosure (1)

Meeting Agenda

- FY14 Commander's Environmental Management Review Board (CEMRB) Update
- FY13 Objectives and Targets Status Update
- FY14 Objectives and Targets
- EMS Document Update
- Conclusion

Enclosure (1)

FY14 MCIPAC CEMRB

- MCIPAC Commander's Environmental Management Review Board Meeting: Dec 10, 2013
- MCIPAC installations participated via VTC
- Reviewed:
 - FY13 Environmental Compliance
 - Status of FY13 Objectives & Targets
 - MCB Butler's O&Ts for FY14 Proposal
- Additional Items Discussed:
 - QRP Proceeds Distribution

Enclosure (1)

FY14 MCIPAC CEMRB

- **Environmental Affairs Branch Action Items**
 - Prepare a point paper that defines the QRP, outlines the policies for use of QRP funds and communicates the process for how the camps/installations can introduce proposals for projects and how those proposals are approved by the CG. *(Published and distributed to QRP Committee)*
 - Prepare a letter for CG to sign endorsing the proposed FY14 objectives and targets for MCB Butler. *(Awaiting CG's signature)*

FY13 EMS Objectives & Targets Status

Objective 1: Reduce the impact of solid waste generation.		
Target	Status	
1. Divert 60% of non-hazardous solid waste from the waste stream in FY13.	Exceeded FY13 target with diversion rate of approximately 66%	
2. Divert 56% of construction and demolition (C&D) debris from the waste stream by FY13.	<ul style="list-style-type: none">• Still working with ROICC and Army Corps to collect C&D data.• Japanese law requires over 90% diversion.	

Enclosure (1)

FY13 EMS Objectives & Targets Status

Objective 2: Reduce electricity use in buildings.	
Target	Status
Reduce energy intensity of facilities by 37.5% by FY20 using FY03 as baseline (FY13 Target: 3% reduction from FY12).	<ul style="list-style-type: none">• FY13 energy intensity has been reduced by 1.15% from FY12• Overall energy intensity reduction from FY03 baseline at the end of FY13 is 4.35%• MCB Butler has to reduce over 30% more in the next 7 years

FY13 EMS Objectives & Targets Status

Objective 3: Reduce vehicle fuel consumption and air emissions.	
Target	Status
Reduce use of petroleum products in vehicle fleets by 30% by FY20 using 2005 as baseline (FY13 Target: 2% from FY12).	<ul style="list-style-type: none">• Did not meet target this year. Fuel consumption increased by 1.22% in FY13.• FY13 Increase is being researched.• Overall, since 2005, using 2% annual reduction, Butler has exceeded standard with an overall 21% reduction in consumption

Enclosure (1)

FY13 EMS Objectives & Targets Status

Objective 4: Reduce hazardous material usage and hazardous waste disposal.	
Target	Status
Implement Hawker battery reuse program.	<ul style="list-style-type: none"> • Full implementation of (2) battery rejuvenation units completed in August 2013, (3) additional units will be operational early next year. • 111 batteries rejuvenated and some already distributed to units under REUSE. (no cost) • Cost avoidance to units was \$36K for the first 3 months of operation (with 2 battery rejuvenation units) • Additional battery types have been added to the program.

Enclosure (1)

FY14 Objectives and Targets

Objectives	Targets
1. Reduce the impact of solid waste generation.	Divert 68% of non-hazardous solid waste from the waste stream in FY14.
2. Reduce electricity use in buildings.	Reduce energy intensity of facilities by 37.5% by FY20 using FY03 as baseline (FY14 Target: 3% reduction from FY13).
3. Reduce vehicle fuel consumption and air emissions.	Reduce use of petroleum products by vehicle fleets by 30% by FY20 using 2005 as baseline (FY14 Target: 2% from FY13).
4. Reduce hazardous waste disposal.	Reduce contaminated absorbent (consorb) waste disposal by 5% in FY14.
5. Manage radon data.	Integrate indoor air quality radon gas data into Geographic Information System (GIS) in FY14.

Core Team Action Item: *Assign responsible individual and due date to develop and implement Environmental Action Plans (EAP) for each target.*

Enclosure (1)

EMS Documents Revised & Cancelled

Revised (Oct-Dec 2013)

- EMSP 11.3 Report-ble Spill aster
- EMP 01.6 Site Approval Preliminary Environmental Impact Review (PEIR) Form Routing SOP
- EMP 01.6.1 MCIPAC Preliminary Environmental Impact Review (PEIR) Form
- EMP 03.1.1 Temporary Fire Hydrant Permit Form (*pdf fillable*)
- EMSP 11.10 Ver 11 9-1-1 HAZMAT Spill Response Notification Procedures

Cancelled (Oct-Dec 2013)

- EMSP 11.7 Spill Gear Listing Vacuum Truck
- EMSP 11.8 Spill Gear Listing 3 Ton Flatbed Truck
- EMSP 11.9 Spill Gear Listing 1.5 Ton Flatbed Truck

Enclosure (1)

EMS Documents Being Drafted & Staffed

- **EMS Manual Version 5** *(to comply with MCO P5090.2A Ch3, Environmental Compliance and Protection Manual)*
- **New MCB Butler QRP Order** *(to replace cancelled MCBJ QRP Order and comply with MCIPAC QRP Order)*
- EMSP 06.1 CETEP Plan *(update)*
- EMP 13.1 Environmental Pocket Guide for the Marines in the Field *(revision on requirements)*
- EMSP 13.1 Environmental Compliance SOP
- EMP 16.1 Radon Mitigation Systems Inspection SOP
- EMP 16.2 Radon Mitigation Systems Maintenance SOP

Enclosure (1)

Conclusion

- Upcoming events:
 - Next Core Team Meeting – March 2014
- Will send minutes to EMS Core Team
- Please brief your chain of command

Thank you!

Enclosure (1)

NAME	SIGNATURE	UNIT	F-MAIL
(b) (6)			

ATTENDANCE ROSTER
EMS CORE TEAM MEETING
Dec 2013

NAME	SIGNATURE	UNIT	E-MAIL
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(b) (6)

NAME	SIGNATURE	INIT	E-MAIL
(b) (6)			

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